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COAL-ABSTRACTS INDEX

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INTRODUCTION

The Coal Technology Information Centre was established in April, 1978, as part of the Alberta Research Council. The Centre, which is funded by the Alberta Department of Energy and Natural Resources, (Energy Resources Research Fund) acts as an agency through which information can be furnished to Government Departments, Industry and Universities.

The objective of the Coal Technology Information Centre is to identify, collect, index, store, retrieve and disseminate information related to the winning and subsequent processing of coal. As well, as maintaining and updating a computerized searchable data bank, the Centre provides a published cumulative edition and a semi-annual update of the Coal-Abs Index.

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example:

0178 84 (*) Article, Gasification

Design considerations for an in-situ gasification test of Eastern bituminous coals

By Strickland, L.D. / Martin, J.W. / Liberatore, A.J. Morgantown Energy Research Centre, Morgantown, West Virginia

Proceedings of the 13th Intersociety Energy Conversion Engineering Conference, Volume 1, San Diego, California, p. 355-365 Aug. 1978

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02 LIQUEFACTION
03 BENEFICIATION
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06 COMBUSTION
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09 EXPLORATION
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11 ENERGY POLICY

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The Centre maintains a full copy of the original article for reference purposes. All material in the data bank can be photocopied for a small service charge.

Any on-line search requests can be conducted through the Coal Technology Information Centre.

For further information contact:

Jane Ballash or Leslie Black

COAL TECHNOLOGY INFORMATION CENTRE
11315 - 87 Avenue
Edmonton, Alberta
T6G 2C2

Telephone: - (403) 439-5916
ext. 235

0359 O Report, Beneficiation

The cleaning characteristics of Vicary Creek mine fines
By Swartzman, E. / Tibbetts, T.E. Canada Department of Mines and Technical Surveys, Ottawa, Ontario, Dec. 1959
Report No.: CDMT.127/59-PREP

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United-States Bureau of Mines Rep Invest, 25p., 1963
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Office of Coal Research, Department of the Interior, Washington, D.C., R & D Report No. 42, April 1969
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Low temperature carbonization and desulfurization of coal under elevated pressures
By Fields, M.C. / Wyse, R.F.
Assignees: United-States Steel Corp., Aug. 1978, p. 201-207, C10B55/10, Patent: United-States, 4104129, Nov. 1971, Appl. 195075, Nov. 1971
Report No.: P.4104129

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Western coals - laboratory characterization and field evaluations of cleaning requirements
By Moore, G.F. / Ehrler, R.F. Babcock & Wilcox Company, Alliance, Ohio
ASME, Detroit, Michigan, Nov. 11/12, 1973, 6p., 1973
Report No.: ASME paper No. 73-WA/FU-1

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National Coal Association, Oct. 1974

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An interpretative compilation of EPA studies related to coal quality and cleanability
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Pretreatment of coal during transport
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Assignees: United-States Energy Research and Development Administration, April 1978, 4018654, Patent: United-States, Sept. 1974, Appl. 503537, Sept. 1974
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National Coal Association, Washington, District-of-Columbia
Presented at the Coal and The Environment Technical Conference, Kentucky Fair and Exposition Center, Louisville, Kentucky, Oct. 1974

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Report No.: ARC.684

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Chemico experience for SO//2 Emission Control on coal fired boilers
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Dewatering Carbonaceous Materials
By Cole, E.L. / Hess, H.V. / Franz, W.F.
Assignees: Texaco Inc., Nov. 1977, p. 5, pp. 44-6, C10L9/00, Patent: U.S. 4057399, March 1975, Appl. 556516, March 1975
Report No.: P.4057399

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Drying of Lignite using nonaqueous solvents
By Murphy, C.L.

Assignees: Continental Oil Co., March 1977, p. 5, PP. 34-9, F26B3/00, Patent: U.S. 4014104, June 1975, Appl. 589096, June 1975
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By Messer, L.
Assignees: American Minechem Corp., Nov. 1975, 630214, Patent: South-Africa, Nov. 1975, Appl. 766411, Nov. 1975
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0375 3 Patent, Beneficiation

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By Strauss, W.
Assignees: Kloeckner-Humboldt-Deutz A.-G., Sept. 1978, B03D1/18, Patent: Canada, 1038506, Jan. 1975, Appl. 240432, Jan. 1975
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The Government's Role in the production of clean coal
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The Battelle hydrothermal coal process
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0375 6 Book, Beneficiation, Gasification, Liquefaction

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Office of Coal Research, Washington, D.C., R & D Report No. 104, Interim Report No. 1, Jan. 1975
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Economic system analysis of coal preconversion technology, Volume 4. Large scale coal processing for coal conversion
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The Black Coal Industry and Coal Preparation in Australia
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By Luckie, P.T. / Draeger, E.A.
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By Cooper, D.A. / De-Koker, P.J. / Barnes, I.
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Assignees: United-States Dept. of the Navy, March 1978, p. 44-IR, C10L9/10, Patent: United-States, 4081251, July 1976, Appl. 702839, July 1976
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Desulfurization technology in coal preparation and coal utilization
By Condry, L.Z. / McClung, P.O. / McClung, J.D.
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0376 12 Book, Beneficiation, Combustion

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Assignees: Atlantic Richfield Corporation, Aug. 1978, C10L9/02, Patent: British, 1520242, May 1976, Appl. 690477, May 1976
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By Becker, D.F. / Murthy, B.N. Gilbert Associates, Inc., Reading, Pennsylvania
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By Eicke, G.
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Report No.: NTIS.IS-T-779

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Influence of the conditions of vibromilling on the properties of coal oxidation products
By Zharova, M.N. / Ekaterinina, L.N. / Motovilova, L.V.
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By Gleim, W.K.
Assignees: Energy Modification, Inc., Oct. 1978, p. 44-1R, C10L9/10, Patent: United-States, 4120664, Oct. 1977, Appl. 841750
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Coal desulfurization, chemical and physical methods
By Wheelock, T.D. American Chemical Society, Washington, District-of-Columbia
Symposium, 173rd Meeting of the American Chemical Society, New-Orleans, Los-Angeles, March 1977
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Coal microstructure and pyrite distribution
By Greer, R.T. Iowa State University, Ames, Iowa
Symposium, 173rd Meeting of the American Chemical Society, New-Orleans, Los-Angeles, p. 3-15, March 1977
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The determination of forms of sulfur in coal and related materials
By Kuhn, J.K. Illinois State Geological Survey, Urbana, Illinois
Symposium, 173rd Meeting of the American Chemical Society, New-Orleans, Los-Angeles, p. 16-21, March 1977
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Direct determination of organic sulfur in raw coals
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Chemical comminution: A process for liberating the mineral matter from coal
By Howard, P.H. / Datta, R.S. Syracuse Research Corporation, Syracuse, New-York
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By Aplan, F.F. Pennsylvania State University, University-Park, Pennsylvania
Symposium, 173rd Meeting of the American Chemical Society, New-Orleans, Los-Angeles, p. 70-82, March 1977
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A comparison of coal beneficiation methods
By Min, S. / Wheelock, T.D. Iowa State University, Ames, Iowa
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Dry table - pyrite removal from coal
By Wilson, D.C. FMC Corporation, Santa-Clara, California
Symposium, 173rd Meeting of the American Chemical Society, New-Orleans, Los-Angeles, p. 101-111, March 1977
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Magnetic desulfurization of some Illinois basin coals
By Murray, H.H. Indiana University, Bloomington, Indiana
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Desulfurization of coals by high intensity high gradient magnetic separation: Conceptual process design and cost estimation
By Lin, C.J. / Liu, Y.A. Auburn University, Auburn, Alabama
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By Hamersma, J.W. / Kraft, M.L. / Meyers, R.A. TRW, Inc., One-Space-Park, Redondo-Beach, California
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By Sareen, S.S. Ledgemont Laboratory, Kennecott Copper Corporation, Lexington, Massachusetts
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